TD6T20 26T50660

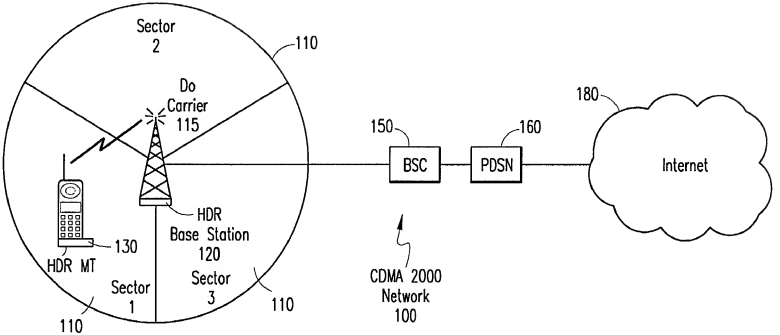

FIG. 1

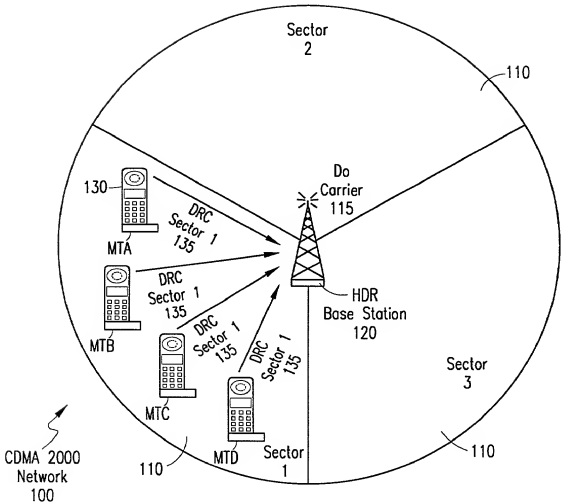
Sector 2
110
130
MTA
DRC Sector 1 135
Do Carrier 115
HDR Base Station 120
DRC Sector 1 135
MTB
DRC Sector 1 135
DRC Sector 1 135
Sector 3
MTC
MTD
Sector 1
110
110
CDMA 2000 Network 100

FIG. 2A

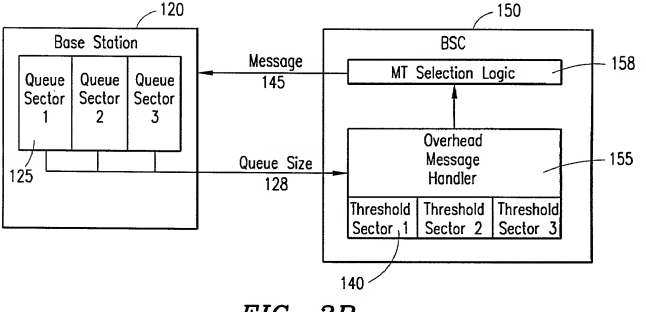
120
Base Station
Queue Sector 1
Queue Sector 2
Queue Sector 3
125
Message 145
Queue Size 128
150
BSC
MT Selection Logic
158
Overhead Message Handler
155
Threshold Sector 1
Threshold Sector 2
Threshold Sector 3
140

FIG. 2B

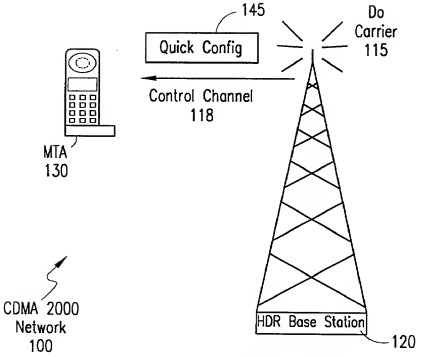

FIG. 2C

145

148 Field	Setting 149
Message ID	Quick Config
Color Code	Sector 1 Color Code
Sector ID	Sector 1 ID
Sector Signature	Next Sector Parameters Message
Access Signature	Access Parameters Message
Redirect	No
RPC Count	Max. Number of Channels
DRC Lock	0
Forward Traffic Valid	1
Reserved	MAC Index of MTA

FIG. 2D

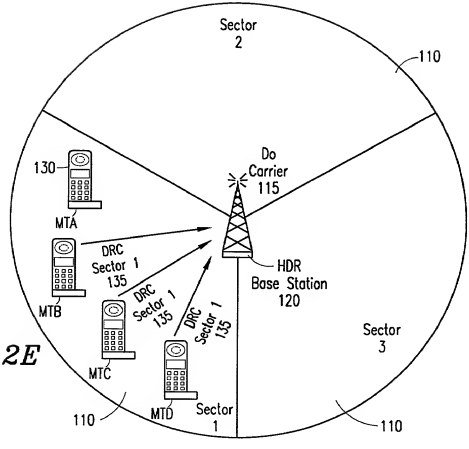
Sector
2
110
Do
Carrier
115
130
MTA
DRC
Sector 1
135
HDR
Base Station
120
MTB
DRC
Sector 1
135
DRC
Sector 1
135
Sector
3
MTC
MTD
Sector
1
110
110

FIG. 2E

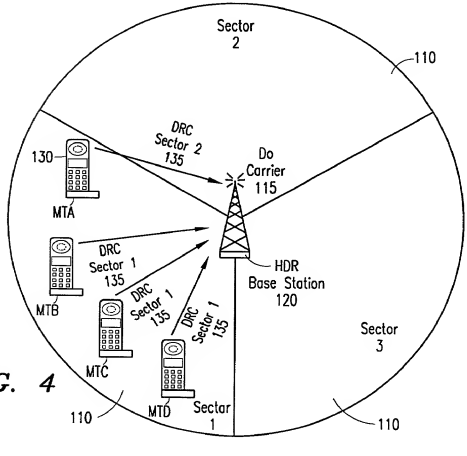
Sector
2
110
DRC
Sector 2
135
130
Do
Carrier
115
MTA
DRC
Sector 1
135
HDR
Base Station
120
MTB
DRC
Sector 1
135
DRC
Sector 1
135
Sector
3
MTC
MTD
Sector
1
110
110

FIG. 4

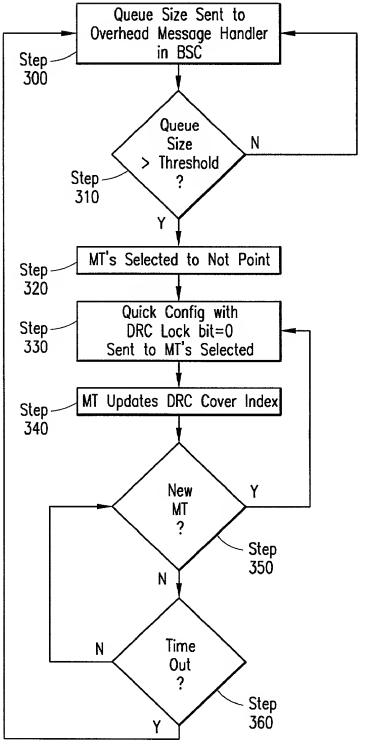
Queue Size Sent to Overhead Message Handler in BSC
Step 300
Queue Size > Threshold ?
N
Step 310
Y
MT's Selected to Not Point
Step 320
Quick Config with DRC Lock bit=0 Sent to MT's Selected
Step 330
MT Updates DRC Cover Index
Step 340
New MT ?
Y
Step 350
N
Time Out ?
N
Step 360
Y

FIG. 3

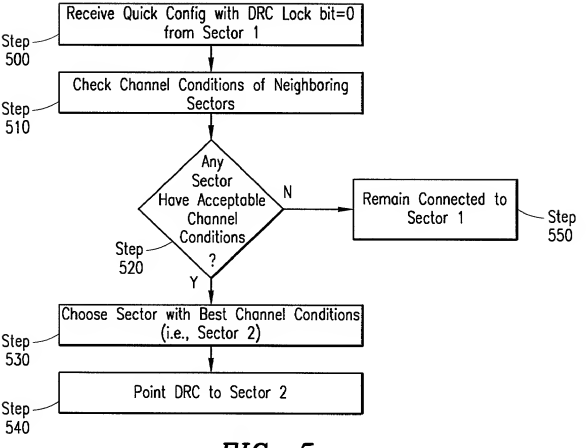
Receive Quick Config with DRC Lock bit=0 from Sector 1
Step 500
Check Channel Conditions of Neighboring Sectors
Step 510
Any Sector Have Acceptable Channel Conditions ?
Step 520
N
Remain Connected to Sector 1
Step 550
Y
Choose Sector with Best Channel Conditions (i.e., Sector 2)
Step 530
Point DRC to Sector 2
Step 540

FIG. 5